

FILE 'AGRICOLA, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHDS, CABA,
CANCERLIT, CAPLUS, CEABA-VTB, CIN, CONFSCI, ~~DGENE~~, EMBASE, ESBIODASE,
FSTA, ~~GENBANK~~, JICST-EPLUS, LIFESCI, MEDLINE, NTIS, PROMT, SCISEARCH,
TOXLINE' ENTERED AT 11:27:25 ON 05 FEB 2001

L1 222619 S VITAMIN C OR ASCORBIC ACID
L2 130991 S 50-81-7
L3 124958 S L1 AND L2
L4 228652 S L1 OR L2
L5 769 S L4 (S) 1000 MG
L6 0 S L5 (P) N-ACETYLCYSTEINE
L7 322 DUP REM L5 (447 DUPLICATES REMOVED)
L8 283 S L7 NOT PY>1998
L9 71 S L8 AND SUPPLEMENT

D9 ANSWER 63 OF 71 PROMT COPYRIGHT 2001 Gale Group

ACCESSION NUMBER: 1998:591610 PROMT
TITLE: Chondroitin, Kava Kava, 5HTP, Garlic, Selenium Now Among
Ten Most Popular Nutritional **Supplements**.
SOURCE: PR Newswire, (12 Nov 1998) pp. 1841.
LANGUAGE: English
WORD COUNT: 613

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

AB - NBTY Announces Results of Third Consumer Tracking Report on
Nutritional **Supplement** Spending Habits -
BOHEMIA, N.Y., Nov. 12 /PRNewswire/ -- Curious about what your
neighbors

keep in their kitchen cabinets? Nutritional **supplements** of
course. Chondroitin/Glucosamine, Kava Kava, 5HTP, Garlic and Selenium are
now among the ten most popular **supplements** in the U.S.,
according to the most recent consumer tracking report conducted by NBTY
Inc., (Nasdaq: NBTY), a leader in the dietary **supplement**
industry. The study reveals the latest American spending habits on
vitamins, minerals, herbs and nutritional **supplements**.

"With more and more people including Chondroitin/Glucosamine, Kava
Kava,

5HTP, Garlic and Selenium in their nutritional regimen, it's
understandable why they are now among the ten most popular," said Scott
Rudolph, Chairman, CEO and President of NBTY, Inc. "Consumers are taking
an active role in maintaining a healthy lifestyle and have realized that
nutritional **supplements** are an easy and effective way to make a
difference in their lives."

The top nutritional **supplements** purchased by American
consumers from July through September 1998 are:

Chondroitin/Glucosamine, the third most popular **supplement**, is
best known for strengthening and protecting the joints. Kava Kava, which
is sixth on the list, has been reported in the press to relieve anxiety.
The ninth most popular **supplement**, 5HTP, reportedly relieves
anxiety and improves mood. Selenium, the tenth most popular
supplement, is reported to protect against cancer, heart disease,
arthritis and accelerated aging. Seventh on the list is Garlic, which is
reported to protect the cardiovascular system.

Since the release of NBTY's first consumer tracking report in October
1997, the important antioxidant Vitamin E continues its reign as the most
widely purchased nutritional **supplement** among American
consumers. Vitamin E, which maintains healthy cell membranes, made
headlines recently when reports indicated that it may reduce the risk of
prostate cancer in men. Additionally, Vitamin E has been reported in the
press to fight Alzheimer's disease, heart disease, kidney disease and
strengthen the immune system in the elderly.

THIS IS AN EXCERPT: COPYRIGHT 1998 PR Newswire Association, Inc.

L9 ANSWER 64 OF 71 PROMT COPYRIGHT 2001 Gale Group

ACCESSION NUMBER: 1998:437468 PROMT
TITLE: Herbs Gaining in Popularity
SOURCE: Industries In Transition, (1 Aug 1998) pp. N/A.
LANGUAGE: English
WORD COUNT: 388

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

AB NBTY, Inc. (Bohemia, NY; Tel: 212/725-4500) released a survey report of
the top OTC herbal and nutritional **supplements** in the U.S.

Results of the survey show them to be as follows:

1. Vitamin E (400 mg and 1000 mg); 2. Vitamin C with Rose Hips (500 mg and 1000 mg); 3. St. John's Wort; 4. Calcium/Magnesium Chelated; 5. Echinacea; 6. Ultra Lecithin (1200 mg); 7. Zinc (50 mg); 8. E Complex; 9. Ginkgo Biloba (60 mg); 10. Cranberry Caps.

St. John's Wort, the third most popular **supplement**, is reported to control depression and nerve pain. Fifth on the list is Echinacea,

best

known for its anti-inflammatory and immune system enhancement properties. The ninth most popular **supplement** is the powerful antioxidant Ginkgo Biloba. This "smart herb" is known to enhance circulation in the brain. Since the release of NBTY's first consumer tracking report in October 1997, Vitamin E continues its reign as the most widely purchased nutritional **supplement** among American consumers. Vitamin E, which maintains healthy cell membranes, is reported to fight Alzheimer's disease, heart disease, kidney disease, strengthen the immune system in the elderly, and is noted to be an important antioxidant. As in the first report, Vitamin C has remained the second most popular **supplement**. This well-known antioxidant has been reported to protect against the common cold, viral and bacterial infections, and

heart

disease. Vitamin C also increases the body's ability to absorb Vitamin E, which may contribute to the popularity of the **supplement**. "With all the recent media coverage surrounding the preventative properties of St. John's Wort, Echinacea and Ginkgo Biloba, it's no surprise that these nutritional **supplements** are now among the ten most popular," says NBTY's head, Scott Rudolph. "More and more consumers are realizing that nutritional **supplements** play a key role in maintaining an overall healthy lifestyle." Remaining on the top ten list of nutritional **supplements** among American consumers are: Calcium/Magnesium, which build strong teeth and bones; Ultra Lecithin, which controls the flow of nutrients and waste in and out of cells; and Cranberry Caps, which

promote

urinary tract health. **Supplements** including Selenium, Chromium Picolinate, and E Oil were replaced by St. John's Wort, Echinacea and Ginkgo Biloba. The next consumer report will be available in September 1998. NBTY is one of America's leading vitamin, mineral, and nutritional **supplement** manufacturers.

THIS IS THE FULL TEXT: COPYRIGHT 1998 Business Communications Company, Inc.

19 ANSWER 65 OF 71 PROMT COPYRIGHT 2001 Gale Group

ACCESSION NUMBER: 1998:353705 PROMT
TITLE: Natural support products help relieve seasonal allergies
AUTHOR(S): LAVALLE, R.Ph., D.H.M., D.H.Ph., N.M.D., JAMES B.
SOURCE: Drug Store News, (22 Jun 1998) pp. CP10.
ISSN: 0191-7587.
LANGUAGE: English
WORD COUNT: 1103

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

AB As seen in a popular commercial, a young man who is windsurfing soars through a field of grasses and ragweed. He appears healthy, without the usual symptoms (itching, sneezing, watery eyes, runny nose and nasal stuffiness) that accompany seasonal allergy hypersensitivity. His doctor has prescribed an Anovel pharmaceutical antihistamine (and probably also

a

decongestant) without the drowsiness caused by other drugs on the market. Still, these can have serious adverse drug reactions that we as pharmacists must remember to counsel the patient about. These pharmaceutical products may be beneficial in some patients with classic symptoms of seasonal allergies, but others may be very sensitive to them, or may have jobs that require mental alertness, driving or operating heavy machinery. Infants and children who are already

hypersensitive should not take OTC antihistamine products. However, there are adjunctive products that pharmacists may recommend to these individuals. Natural support products have been reported to help alleviate

the symptoms of seasonal allergies. These products are available in the pharmacy without a prescription.

Allergic response

One in five people suffers from some type of allergy or sensitivity. Briefly, in a Type I allergic response, IgE antigens bind to mast cells and basophils in response to certain allergens. This causes a release of histamine, cytokines and other inflammatory mediators from the mast cell. Common allergens include:

- * Dust and dust mites,
- * Grasses and pollens,
- * Molds and fungi,
- * Insect venom,
- * Animal dander,
- * Some pharmaceutical drugs and nutritional **supplements** in

sensitive individuals,

- * Environmental pollutants, such as car exhaust, wood smoke and factory pollution,

- * Chemical and food sensitivities, and

- * Other stressors of the immune system, including work environment and physical, mental and emotional stresses.

Apart from eliminating all potential allergens, homeopathics and dietary **supplements** may aid in relieving the symptoms of allergic response. Pharmacists are in a unique position to recommend both traditional OTCs and adjunctive natural therapies for allergic rhinitis, urticaria, sinusitis and other symptoms of seasonal allergies.

Homeopathic support

Homeopathic remedies have been reported in clinical studies to reduce the allergic responses seen in seasonal allergies.

THIS IS AN EXCERPT: COPYRIGHT 1998 Lebhar-Friedman Inc.

L9 ANSWER 66 OF 71 PROMT COPYRIGHT 2001 Gale Group

ACCESSION NUMBER: 1998:148697 PROMT
TITLE: Breakthrough Delivery System for Nutrients, Vitamins, and Pharmaceuticals Announced by Naturally Scientific Inc.
SOURCE: Business Wire, (25 Mar 1998) pp. 03250279.
LANGUAGE: English
WORD COUNT: 513

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

AB PARSIPPANY, N.J.--(BW HealthWire)--March 25, 1998--Researchers at a New Jersey based natural products company are about to revolutionize the way consumers take and receive their daily dose of vitamins and other natural minerals and dietary **supplements**. Mrs. Bobbie Merritt, president and COO of Naturally Scientific, Inc. (NSI), holder of the proprietary scientific process, announced the discovery.

An Intravenous Injection without Needles and Tubes

"Think of it as an intravenous injection of vitamins, without needles and tubes," says Dr. Edward Lemmo, NSI executive vice president of research and development. "Our process reduces the particles typically found in vitamins and nutritional **supplements** to a minuscule 0.1 micron size, which is even smaller than a virus," adds Lemmo, former director of nutrition for GNC stores. "We've pioneered a delivery system that allows us to be site specific in the body's uptake of each of our product's recommended doses. It is a clinically significant achievement."

Typical Four Hour Absorption of **Supplements** Reduced to 30 Seconds

"When taken orally in colloidal form, treated dietary **supplements** are delivered in a one, two punch," says Dr. Lemmo. Recently completed clinical trials, conducted by an independent laboratory, clearly demonstrate NSI's proprietary delivery process enhances the bioavailability of nutrients by at least 40% above the bioavailability of

the nutrient alone. Additionally, the trials reveal dramatic bioavailability enhancement in only 30 seconds.
As a result all Naturally Scientific colloidal products, when taken orally or sublingually, are immediately delivered into the bloodstream through mucous membranes, thus bypassing the digestive process. Absorption is generally greater than 90%. "When you consider that typical vitamin and mineral **supplements** can take up to four hours to traverse the stomach and intestines, you begin to understand why their delivery and potency can be severely compromised," adds Dr. Robert Pollack, Naturally Scientific executive vice president of scientific affairs and professor emeritus at Temple University School of Medicine.
The Little Known Truth about Nutrient Absorption
THIS IS AN EXCERPT: COPYRIGHT 1998 Business Wire

L9 ANSWER 67 OF 71 PROMT COPYRIGHT 2001 Gale Group

ACCESSION NUMBER: 96:25938 PROMT
TITLE: Alacer introduces new use for Melatonin: Topical Nutrition Application for hair and scalp.
SOURCE: Business Wire, (10 Jan 1996) pp. 01100076.
LANGUAGE: English
WORD COUNT: 530

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

AB IRVINE, Calif.--(BUSINESS WIRE)--Jan. 10, 1996--"Another nutritional health break-through" is Alacer Corp.'s description of a new application of melatonin, as found in Alacer's Vitastic Spray Alive Hair and Scalp Tonic.

Melatonin is a hormone naturally produced by the pineal gland in the brain

which has been linked with changes in sleep and biological rhythms and has been the recipient of national media and news coverage. Through the use of Alacer's new patented Vitastic Topical Nutrition delivery system, Vitastic Spray Alive is the world's first topical application of melatonin -- specifically formulated for the benefit of the hair and scalp. It is the first application of melatonin that is designed to be used throughout the day and will not induce drowsiness. Until now, melatonin has been associated with changes in sleep and has been primarily used as a **supplement** taken only in the evening. However, its recent popularity has been derived from theories of other benefits including anti-aging, cardiovascular improvements, sexual enhancement and even benefits for the hair and scalp. It has been established that melatonin production in the pineal gland continually declines from age 16. Recent laboratory testing shows that when younger pineal glands are transplanted into old mice that have suffered hair loss, the increased melatonin production quickly restores their hair and vigor.

Accordingly, Alacer feels that the addition of melatonin to the patented Topical Nutrition product of Vitastic Spray Alive, gives the hair follicles the hormone they need at a level that will not have a sedative effect. "It's the natural way to go," comments Jay Patrick, president of Alacer and creator of Vitastic Spray Alive, "through topical nutrition,

we

deliver melatonin in a pristine state, bypassing contact with the hydrochloric acid of the stomach. Moreover this localized concentration of melatonin cannot be achieved through oral consumption, since the concentration of the entire body would have to be raised proportionately -- as much as 2000 times the amount applied topically! This could have adverse effects."

THIS IS AN EXCERPT: COPYRIGHT 1996 Business Wire

L9 ANSWER 68 OF 71 PROMT COPYRIGHT 2001 Gale Group

ACCESSION NUMBER: 91:497460 PROMT
TITLE: Takeda Food Industry has launched a new beverage called "C

1000 Takeda Hypotonic Water."
SOURCE: New Food Products in Japan, (Jun 1991) pp. N/A.
LANGUAGE: English
WORD COUNT: 69

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

AB It is a water-like drink that can quickly supply water and minerals lost through perspiration. It is suitable for drinking after sporting activities or after taking a bath or when eating meals or the day after drinking alcoholic drinks. The ingredients information per 350ml: energy 38 Kcal; magnesium 2 mg; sodium 81 mg; potassium 68 mg; and Vitamin C 1000 mg. Retail price is (Y)270 for a 1,000ml bottle.

THIS IS THE FULL TEXT: Copyright 1991 by Pacific Research Consulting, Inc.

L9 ANSWER 69 OF 71 PROMT COPYRIGHT 2001 Gale Group

ACCESSION NUMBER: 89:200023 PROMT
TITLE: EUROPE'S LEADING VITAMIN COMPANY COMES TO AMERICA,
BRINGING

'THE BEST WAY TO TAKE VITAMINS'

SOURCE: News Release, (19 Jul 1989) pp. 1.
LANGUAGE: English

AB Effervescent vitamins, already Europe's leading means of vitamin delivery, are being introduced in the U.S. market by Inter-Hermes Pharma, Inc. (IHP). Dissolved, they provide faster and more complete absorption of nutrients than vitamin tablets as well as minimal risk of stomach irritation and greater ease of swallowing. IHP, headquartered in Munich, West Germany, is one of Europe's leading multi-vitamin manufacturers, and has been providing a variety of OTC pharmaceutical products since the

turn of the century. "This is a better way for Americans to take vitamins," said Greg Bobyock, director of marketing of IHP's U.S. operation. "Clinical tests have proven that because our product is effervescent,

more of it gets into the bloodstream faster than other leading multi vitamin mineral **supplements**." IHP is introducing three effervescent products. Multilyte (TM), a high potency multi-vitamin and mineral **supplement** rich in B vitamins and Calcilyte (TM), a 500-mg. calcium plus vitamin D **supplement**, and Citrolyte (TM), a 1000-mg. **vitamin C supplement**. Each is buffered to eliminate virtually any risk of the stomach upset associated with many vitamins.

L6 ANSWER 1 OF 2 MEDLINE
 ACCESSION NUMBER: 1998249884 MEDLINE
 DOCUMENT NUMBER: 98249884
 TITLE: Detection of lectins using ligand blotting and polyacrylamide-type glycoconjugate probes.
 AUTHOR: Kamemura K; Kato S
 CORPORATE SOURCE: Kato Cytoprotein Network Project, ERATO, JST, Kanagawa, Japan.
 SOURCE: ANALYTICAL BIOCHEMISTRY, (1998 May 1) 258 (2) 305-10. Journal code: 4NK. ISSN: 0003-2697.
 PUB. COUNTRY: United States
 Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 199809
 ENTRY WEEK: 19980902
 AB A sensitive and convenient method for detection of the carbohydrate-binding activity of lectins was established using the combination of blotting of lectins on polyvinylidene difluoride membranes, carbohydrate-conjugated biotinylated polyacrylamide-type probes (carbohydrate-bp probes), horseradish peroxidase-streptavidin, and detection by enhanced chemiluminescence of the enzyme reaction. This method was tested for detection of four plant lectins blotted on the membrane: concanavalin A was detectable down to 100 ng by mannose-bp probe, Ricinus communis agglutinin 120 to as low as 5 ng by N-acetyllactosamine-bp probe, soybean agglutinin to 1 microgram by beta-N-acetyl-D-galactosamine-bp probe, and wheat germ agglutinin to 5 ng by beta-N-acetyl-D-glucosamine-bp probe. All four lectins were detectable on an electroblotted membrane after SDS-polyacrylamide gel electrophoresis. This method was used to detect recombinant human galectin-3 in Escherichia coli cell lysates and mannan-binding protein in human serum. These results indicate that this method is widely applicable to convenient detection and characterization of lectins in crude samples.

L6 ANSWER 2 OF 2 MEDLINE DUPLICATE 1
 ACCESSION NUMBER: 95050508 MEDLINE
 DOCUMENT NUMBER: 95050508
 TITLE: Expression and binding activity of the carboxyl-terminal portion of the core protein of PG-M, a large chondroitin sulfate proteoglycan.
 AUTHOR: Ujita M; Shinomura T; Ito K; Kitagawa Y; Kimata K
 CORPORATE SOURCE: Institute for Molecular Science of Medicine, Aichi Medical University, Japan..
 SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (1994 Nov 4) 269 (44) 27603-9. Journal code: HIV. ISSN: 0021-9258.
 PUB. COUNTRY: United States
 Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals; Cancer Journals
 ENTRY MONTH: 199502
 AB PG-M is a large chondroitin sulfate proteoglycan that has been shown to be expressed in the prechondrogenic condensation area of the developing chick limb buds. We previously isolated cDNA clones encoding the core protein of

PG-M (Shinomura, T., Nishida, Y., Ito, K., and Kimata, K. (1993) J. Biol. Chem. 268, 14461-14469). The amino acid sequence deduced from the cDNA analysis revealed the presence of two epidermal growth factor-like domains, a C-type lectin-like domain, and a complement regulatory protein (CRP)-like domain at the COOH terminus. The COOH-terminal portion has

been

expressed as a fusion protein with **glutathione** S-transferase in *Escherichia coli* to test its carbohydrate binding activity using affinity chromatography. The purified fusion protein binds to immobilized D-mannose, D-galactose, L-fucose, and **N-acetyl-D-glucosamine** in a calcium-dependent manner.

Furthermore, the fusion protein binds to heparin- or heparan sulfate-Sepharose. To investigate roles of each COOH-terminal domain, we have made a truncated construct which lacks the CRP-like domain and determined if the CRP-like domain is involved in the binding activity.

The

removal of this domain resulted in the complete loss of both C-type lectin-like and heparin binding activities. The results suggest that a whole set of epidermal growth factor-, lectin-, and CRP-like domains may serve a functional structure for these bindings.

L8 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2001 ACS
 TI Method of treatment of **glutathione** deficient mammals
 SO PCT Int. Appl., 26 pp.
 CODEN: PIXXD2
 IN Keller, M. D. Robert H.; Kirchenbaum, David W.

L8 ANSWER 2 OF 9 MEDLINE
 TI Detection of lectins using ligand blotting and polyacrylamide-type glycoconjugate probes.
 SO ANALYTICAL BIOCHEMISTRY, (1998 May 1) 258 (2) 305-10.
 Journal code: 4NK. ISSN: 0003-2697.
 AU Kamemura K; Kato S

L8 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2001 ACS
 TI Regulation of superoxide dismutase synthesis in *Candida albicans*
 SO Mycopathologia (1998), 141(2), 59-63
 CODEN: MYCPAH; ISSN: 0301-486X
 AU Gunasekaran, Uma; Yang, Ruipang; Gunasekaran, Muthukumaran

L8 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2001 ACS
 TI Lack of biliary excretion of Cd linked to an inherent defect of the canalicular isoform of multidrug resistance protein (cMrp) does not abnormally stimulate accumulation of Cd in the Eisai hyperbilirubinemic (EHB) rat liver
 SO Arch. Toxicol. (1997), 71(5), 336-339
 CODEN: ARTODN; ISSN: 0340-5761
 AU Sugawara, Naoki; Lai, Yu Rong; Arizono, Koji; Kitajima, Toshiichi; Inoue, Hideaki

L8 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2001 ACS
 TI Pharmaceutical compositions and use thereof for treatment of neurological diseases and etiologically related symptomatology.
 SO PCT Int. Appl., 155 pp.
 CODEN: PIXXD2
 IN Shapiro, Howard K.

L8 ANSWER 6 OF 9 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 1
 TI Expression and binding activity of the carboxyl-terminal portion of the core protein of PG-M, a large chondroitin sulfate proteoglycan.
 SO Journal of Biological Chemistry, (1994) Vol. 269, No. 44, pp. 27603-27609.
 ISSN: 0021-9258.
 AU Ujita, Minoru; Shinomura, Tamayuki; Ito, Kazuo; Kitagawa, Yasuo; Kimata, Koji (1)

L8 ANSWER 7 OF 9 BIOTECHDS COPYRIGHT 2001 DERWENT INFORMATION LTD
 TI Serum-free culture medium for animal cell culture;
 e.g. CHO-K1, BHK, HeLa, COS-7 or Vero cell culture

L8 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2001 ACS
 TI Chemical conversion of aspartic acid 52, a catalytic residue in hen egg-white lysozyme, to homoserine
 SO Proc. Nat. Acad. Sci. U. S. A. (1974), 71(5), 1658-62
 CODEN: PNASA6
 AU Eshdat, Yuval; Dunn, Arnold; Sharon, Nathan

L8 ANSWER 9 OF 9 GENBANK.RTM. COPYRIGHT 2001

TITLE (TI): Complete DNA sequence of a serogroup A strain of
Neisseria meningitidis Z2491
TITLE (TI): Direct Submission
JOURNAL (SO): Nature, 404 (6777), 502-506 (2000)
JOURNAL (SO): Submitted (30-MAR-2000) Submitted on behalf of the
Neisseria sequencing team, Sanger Centre, Wellcome
Trust Genome Campus, Hinxton, Cambridge CB10 1SA
E-mail: parkhill@sanger.ac.uk
AUTHOR (AU): Parkhill, J.; Achtman, M.; James, K.D.; Bentley, S.D.;
Churcher, C.; Klee, S.R.; Morelli, G.; Basham, D.;
Brown, D.; Chillingworth, T.; Davies, R.M.; Davis, P.;
Devlin, K.; Feltwell, T.; Hamlin, N.; Holroyd, S.;
Jagels, K.; Leather, S.; Moule, S.; Mungall, K.;
Quail, M.A.; Rajandream, M.A.; Rutherford, K.M.;
Simmonds, M.; Skelton, J.; Whitehead, S.; Spratt, B.G.;
Barrell, B.G.
AUTHOR (AU): Parkhill, J.

FILE 'MEDLINE, PROMT, BIOSIS, EMBASE, LIFESCI' ENTERED AT 17:53:32 ON 05
FEB 2001

L1 3333 S N-ACETYL-D-GLUCOSAMINE
L2 150896 S GLUTATHIONE
L3 3 S L1 (P) L2
L4 1 DUP REM L3 (2 DUPLICATES REMOVED)
L5 4 S L1 AND L2
L6 2 DUP REM L5 (2 DUPLICATES REMOVED)

FILE 'AGRICOLA, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHDS, CABA,
CANCERLIT, CAPLUS, CEABA-VTB, CIN, CONFSCI, DGENE, EMBASE, ESBIODASE,
FSTA, GENBANK, JICST-EPLUS, LIFESCI, MEDLINE, NTIS, PROMT, SCISEARCH,
TOXLINE' ENTERED AT 17:55:49 ON 05 FEB 2001

L7 15 S L5
L8 9 DUP REM L7 (6 DUPLICATES REMOVED)

FILE 'REGISTRY' ENTERED AT 18:09:34 ON 05 FEB 2001

E N-ACETYL-D-GLUCOSAMINE

E N-ACETYL-D-GLUCOSAMINE /CN

L1 1 S E3

FILE 'MEDLINE, PROMT, BIOSIS, EMBASE, LIFESCI' ENTERED AT 18:12:59 ON 05
FEB 2001

L2 6479 S 7512-17-6

L3 0 S L2 (P) ANTIOXIDANT

L4 0 S L2 (P) 616-91-1

FILE 'REGISTRY' ENTERED AT 18:14:57 ON 05 FEB 2001

E GLUTATHIONE/CN

L5 1 S E3

FILE 'MEDLINE, PROMT, BIOSIS, EMBASE, LIFESCI' ENTERED AT 18:15:53 ON 05
FEB 2001

L6 59711 S 70-18-8

L7 8 S L6 AND L1

L8 8 DUP REM L7 (0 DUPLICATES REMOVED)

L8 ANSWER 1 OF 8 MEDLINE
 TI Secretory event in intestinal grafts during preservation ischemia.
 SO JOURNAL OF SURGICAL RESEARCH, (1999 Jun 15) 84 (2) 233-9.
 Journal code: K7B. ISSN: 0022-4804.
 AU Arcuni J; Wang L; Yousef K; Chiu S; Mikkelsen K; Franson R D; Sonnino R E

L8 ANSWER 2 OF 8 MEDLINE
 TI Lack of biliary excretion of Cd linked to an inherent defect of the canalicular isoform of multidrug resistance protein (cMrp) does not abnormally stimulate accumulation of Cd in the Eisai hyperbilirubinemic (EHB) rat liver.
 SO ARCHIVES OF TOXICOLOGY, (1997) 71 (5) 336-9.
 Journal code: 8J7. ISSN: 0340-5761.
 AU Sugawara N; Lai Y R; Arizono K; Kitajima T; Inoue H

L8 ANSWER 3 OF 8 BIOSIS COPYRIGHT 2001 BIOSIS
 TI Chemically defined medium for the production of biologically active substances of CHO cells.
 SO Cytotechnology, (1992) Vol. 10, No. 1, pp. 9-14.
 ISSN: 0920-9069.
 AU Hata, Jun-Ichiro (1); Tamura, Takeyoshi; Yokoshima, Soji; Yamashita, Shinya (1); Kabeno, Shoko (1); Matsumoto, Ken; Onodera, Kazukiyo

L8 ANSWER 4 OF 8 MEDLINE
 TI Effects of hyperthermia on xanthine oxidase activity and glutathione levels in the perfused rat liver.
 SO JOURNAL OF BIOCHEMICAL TOXICOLOGY, (1989 Summer) 4 (2) 119-25.
 Journal code: J1A. ISSN: 0887-2082.
 AU Skibba J L; Stadnicka A; Kalbfleisch J H; Powers R H

L8 ANSWER 5 OF 8 BIOSIS COPYRIGHT 2001 BIOSIS
 TI CHROMATOGRAPHY OF GAMMA GLUTAMYLTRANSFERASE EC-2.3.2.2 FROM ASCITES HEPATOMA AH-66 CELLS AND HUMAN PRIMARY HEPATOMA ON PHASEOLUS-VULGARIS ERYTHROAGGLUTINATING LECTIN AGAROSE.
 SO J CHROMATOGR BIOMED APPL, (1985) 339 (2), 394-398.
 CODEN: JCBADL.
 AU TANIGUCHI N; YOKOSAWA N; ONO M; KINOSHITA K; MAKITA A

L8 ANSWER 6 OF 8 BIOSIS COPYRIGHT 2001 BIOSIS
 TI THE COLLAGENASE INHIBITOR FROM HUMAN POLYMORPHONUCLEAR LEUKOCYTES ISOLATION PURIFICATION AND CHARACTERIZATION.
 SO EUR J BIOCHEM, (1983) 130 (1), 79-84.
 CODEN: EJBCAI. ISSN: 0014-2956.
 AU MACARTNEY H W; TSCHESCHE H

L8 ANSWER 7 OF 8 BIOSIS COPYRIGHT 2001 BIOSIS
 TI METABOLIC CONTROL OF THE POTASSIUM PERMEABILITY IN PANCREATIC ISLET CELLS.
 SO BIOCHEM J, (1980) 186 (2), 541-550.
 CODEN: BIJOAK. ISSN: 0306-3275.
 AU HENQUIN J-C

L8 ANSWER 8 OF 8 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
 TI On the mode of action of hydroxyproline in Drosophila development.
 SO Journal of Experimental Zoology, (1975) 192/2 (213-218).
 CODEN: JEZOAO
 AU Rapport E.W.

7512 -176

FILE 'MEDLINE, BIOSIS, EMBASE, LIFESCI, PROMT' ENTERED AT 13:36:02 ON 05
FEB 2001

L1	90746 S 50-81-7 OR VITAMIN C OR ASCORBIC ACID
L2	15501 S 616-91-1 OR N-ACETYLCYSTEINE
L3	165 S L1 (3A) 1000 MG
L4	0 S L3 (P) L2
L5	50 S L3 AND SUPPLEMENT
L6	27 DUP REM L5 (23 DUPLICATES REMOVED)
L7	20 S L6 NOT PY>1998

~~D7~~ ANSWER 1 OF 20 MEDLINE

ACCESSION NUMBER: 1999068692 MEDLINE

DOCUMENT NUMBER: 99068692

TITLE: Biochemical evaluation of oxidative stress in propylthiouracil treated hyperthyroid patients. Effects of vitamin C supplementation.

AUTHOR: Seven A; Tasan E; Inci F; Hatemi H; Burcak G

CORPORATE SOURCE: Department of Biochemistry, Cerrahpasa Medical Faculty, Istanbul University, Turkey.

SOURCE: CLINICAL CHEMISTRY AND LABORATORY MEDICINE, (1998 Oct) 36 (10) 767-70.

Journal code: CZ8. ISSN: 1434-6621.

PUB. COUNTRY: GERMANY: Germany, Federal Republic of Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 199904

ENTRY WEEK: 19990403

AB . . . glutathione were investigated in 24 hyperthyroid patients under propylthiouracil therapy (3x100 mg/day) for five days and in 15 healthy controls. **Ascorbic acid** (1000 mg /day) was given as a **supplement** for 1 month to both the patients and controls during the study period. Heparinised blood samples were taken at the . . .

~~D7~~ ANSWER 2 OF 20 MEDLINE

ACCESSION NUMBER: 1998435814 MEDLINE

DOCUMENT NUMBER: 98435814

TITLE: Effects of vitamin E and C supplementation on oxidative stress and viral load in HIV-infected subjects.

AUTHOR: Allard J P; Aghdassi E; Chau J; Tam C; Kovacs C M; Salit I E; Walmsley S L

CORPORATE SOURCE: Department of Medicine, University of Toronto, Ontario, Canada.

SOURCE: AIDS, (1998 Sep 10) 12 (13) 1653-9.

Journal code: AID. ISSN: 0269-9370.

PUB. COUNTRY: United States

(CLINICAL TRIAL)

Journal; Article; (JOURNAL ARTICLE)

(RANDOMIZED CONTROLLED TRIAL)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 199902

ENTRY WEEK: 19990204

AB . . . stress, and viral load in humans. DESIGN: A randomized placebo-controlled, double-blind study. METHODS: Forty-nine HIV-positive patients were randomized to receive **supplements** of both DL-alpha-tocopherol acetate (800 IU daily) and **vitamin C** (1000 mg daily), or matched placebo, for 3 months. Plasma antioxidant micronutrient status, breath pentane output, plasma lipid peroxides, malondialdehyde and viral. . . to -2.14). The number of infections reported was nine in the vitamin group and seven in the placebo group. CONCLUSION: **Supplements** of vitamin E and C reduce oxidative stress in HIV and produce a trend towards a reduction in viral load.. . .

CT . . . Support, Non-U.S. Gov't Adult

Ascorbic Acid: BL, blood
*Ascorbic Acid: TU, therapeutic use
Beta Carotene: BL, blood
Carotene: BL, blood
*Dietary Supplements
Double-Blind Method
*HIV Infections: DT, drug therapy
Lipid Peroxidation
*Oxidative Stress: DE, drug effects
Selenium: BL, blood
*Viral Load

L7 ANSWER 3 OF 20 MEDLINE
ACCESSION NUMBER: 97248987 MEDLINE
DOCUMENT NUMBER: 97248987
TITLE: Increased serum and low-density-lipoprotein antioxidant potential after antioxidant supplementation in endurance athletes.
AUTHOR: Vasankari T J; Kujala U M; Vasankari T M; Vuorimaa T; Ahotupa M
CORPORATE SOURCE: Paavo Nurmi Center, Sports Medical Research Unit, University of Turku, Finland.
SOURCE: AMERICAN JOURNAL OF CLINICAL NUTRITION, (1997 Apr) 65 (4) 1052-6.
Journal code: 3EY. ISSN: 0002-9165.
PUB. COUNTRY: United States
(CLINICAL TRIAL)
Journal; Article; (JOURNAL ARTICLE)
(RANDOMIZED CONTROLLED TRIAL)
LANGUAGE: English
FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals
ENTRY MONTH: 199707
ENTRY WEEK: 19970701
AB . . . During the 4 wk before the runs, the subjects took in a single-blind randomized order either a combination of antioxidant **supplements** (the antioxidant trial; 294 mg vitamin E, 1000 mg vitamin C, and 60 mg ubiquinone daily) or placebo (the placebo trial). Venous blood samples were taken before and immediately after the. . .

L7 ANSWER 4 OF 20 MEDLINE
ACCESSION NUMBER: 97066215 MEDLINE
DOCUMENT NUMBER: 97066215
TITLE: Effects of iron, zinc, calcium, and vitamins on the activity and contents of human placental copper/zinc and manganese superoxide dismutases.
AUTHOR: Hunaiti A A; Saleh M S
CORPORATE SOURCE: Department of Biological Sciences, Yarmouk University, Irbid, Jordan.
SOURCE: BIOLOGICAL TRACE ELEMENT RESEARCH, (1996 Sep) 54 (3) 231-8.
Journal code: AU1. ISSN: 0163-4984.
PUB. COUNTRY: United States
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199704
ENTRY WEEK: 19970404
AB . . . pregnancy and ending at the day of delivery. Similarly, group B was given one tablet containing 625 mg calcium carbonate, 1000 mg vitamin C, 300 IU Vitamin D, 1350 mg citric acid, and 15 mg Vitamin B6. Group C was without any **supplements** and served as a control. Mothers who received iron/zinc **supplements** (group A) during pregnancy had significantly higher

copper/zinc superoxide dismutase activity in their placentae than calcium/vitamin-supplemented mothers (group B) or. . .

L7 ANSWER 5 OF 20 MEDLINE

ACCESSION NUMBER: 95098497 MEDLINE

DOCUMENT NUMBER: 95098497

TITLE: A clinical trial of antioxidant **supplements** in the treatment of oral leukoplakia.

AUTHOR: Kaugars G E; Silverman S Jr; Lovas J G; Brandt R B; Riley W

CORPORATE SOURCE: T; Dao Q; Singh V N; Gallo J
Department of Oral Pathology, Medical College of Virginia, Richmond.

CONTRACT NUMBER: DE09523 (NIDCR)

SOURCE: ORAL SURGERY, ORAL MEDICINE, AND ORAL PATHOLOGY, (1994 Oct)

78 (4) 462-8.

Journal code: OJU. ISSN: 0030-4220.

PUB. COUNTRY: United States

(CLINICAL TRIAL)

(CONTROLLED CLINICAL TRIAL)

Journal; Article; (JOURNAL ARTICLE)

(MULTICENTER STUDY)

LANGUAGE: English

FILE SEGMENT: Priority Journals; Dental Journals

ENTRY MONTH: 199503

TI A clinical trial of antioxidant **supplements** in the treatment of oral leukoplakia.

AB . . . enrolled in an antioxidant supplementation program for the treatment of the oral lesions. The patients received 30 mg of beta-carotene, **1000 mg** of **ascorbic acid**, and 800 IU of alpha-tocopherol per day for 9 months. Clinical improvement of the oral lesion was noted in 55.7%. . .

L7 ANSWER 6 OF 20 MEDLINE

ACCESSION NUMBER: 94310718 MEDLINE

DOCUMENT NUMBER: 94310718

TITLE: Oxidized low-density lipoproteins and endothelium: oral vitamin E supplementation prevents oxidized low-density lipoprotein-mediated vascular injury.

AUTHOR: Balla J; Belcher J D; Balla G; Jacob H S; Vercellotti G M
CORPORATE SOURCE: Department of Medicine, School of Public Health, University

of Minnesota, Minneapolis 55455..

CONTRACT NUMBER: 5R01-HL33793 (NHLBI)

4R37-HL28935 (NHLBI)

SOURCE: TRANSACTIONS OF THE ASSOCIATION OF AMERICAN PHYSICIANS, (1993) 106 128-33.

Journal code: W5P. ISSN: 0066-9458.

PUB. COUNTRY: United States

Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 199410

AB Vitamin E **supplements** may decrease the incidence of myocardial infarction by inhibiting LDL oxidation to atherogenic moieties. We previously reported that hemin is. . . and resulting endothelial damage

were studied in 10 volunteers who received daily 800 I.U. of vitamin E with or without **vitamin C (1000 mg)** for 2 weeks. Prior, during, and 2 weeks after supplementation, plasma LDL was isolated and its number of alpha-tocopherol molecules,. . . alpha-tocopherol content, the lag time of LDL oxidation, and oxidized LDL-mediated cytolysis all returned to baseline levels. To determine whether **supplements** of vitamin E and vitamin C beneficially

synergize in these effects, we monitored several volunteers on daily vitamin E alone. . .

L7 ANSWER 7 OF 20 MEDLINE

ACCESSION NUMBER: 94059919 MEDLINE

DOCUMENT NUMBER: 94059919

TITLE: Vitamin E, LDL, and endothelium. Brief oral vitamin supplementation prevents oxidized LDL-mediated vascular injury in vitro.

AUTHOR: Belcher J D; Balla J; Balla G; Jacobs D R Jr; Gross M; Jacob H S; Vercellotti G M

CORPORATE SOURCE: Division of Epidemiology, School of Public Health, University of Minnesota, Minneapolis 55454-1015.

CONTRACT NUMBER: 5R01-HL33793 (NHLBI)
4R37-HL28935 (NHLBI)

SOURCE: ARTERIOSCLEROSIS AND THROMBOSIS, (1993 Dec) 13 (12)
1779-89.

Journal code: AZ1. ISSN: 1049-8834.

PUB. COUNTRY: United States

Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 199403

AB . . . C). Seeking relevance to in vivo conditions, we performed a study

in which 10 human volunteers were given daily antioxidant **supplements** of 800 IU of DL-alpha-tocopherol acetate alone or in combination with **1000 mg** of **ascorbic acid** for 2 weeks. LDL resistance to heme oxidation ex vivo, as measured by the lag time for conjugated-diene formation, increased. . . +/- 2%, P < .001). These measurements reverted to their presupplement levels within 2 weeks after participants stopped taking antioxidant **supplements** and were reproduced in 4 subjects taking 800 IU of DL-alpha-tocopherol acetate **supplements** alone but not in the same subjects taking **1000 mg ascorbic acid supplements** alone. In conclusion, oral vitamin E supplementation increases LDL alpha-tocopherol content, increases LDL resistance to oxidation, and decreases the cytotoxicity. . .

L7 ANSWER 8 OF 20 MEDLINE

ACCESSION NUMBER: 86162115 MEDLINE

DOCUMENT NUMBER: 86162115

TITLE: Ascorbic acid interference in reagent-strip reactions for assay of urinary glucose and hemoglobin.

AUTHOR: Zweig M H; Jackson A

SOURCE: CLINICAL CHEMISTRY, (1986 Apr) 32 (4) 674-7.

Journal code: DBZ. ISSN: 0009-9147.

PUB. COUNTRY: United States

Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals; Cancer Journals

ENTRY MONTH: 198607

AB Vitamin C (ascorbic acid), commonly taken as a dietary **supplement** and excreted in the urine, can interfere with peroxidase redox indicator systems such as those used in reagent-strip tests for. . . After

adding glucose or hemoglobin to urine collected from persons not taking vitamin

C

and from persons taking 350 to **1000 mg** of **vitamin C** daily, we tested four reagent strips for interference and found that these commonly taken doses did frequently interfere with all. . .

L7 ANSWER 9 OF 20 MEDLINE

ACCESSION NUMBER: 85171793 MEDLINE

DOCUMENT NUMBER: 85171793
TITLE: Effects of different levels of vitamin C intake on the vitamin C concentration in human milk and the vitamin C intakes of breast-fed infants.
AUTHOR: Byerley L O; Kirksey A
SOURCE: AMERICAN JOURNAL OF CLINICAL NUTRITION, (1985 Apr) 41 (4) 665-71.
Journal code: 3EY. ISSN: 0002-9165.
PUB. COUNTRY: United States
(CLINICAL TRIAL)
(CONTROLLED CLINICAL TRIAL)
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals
ENTRY MONTH: 198507
AB . . . or 1000 mg/day for 2 days or unsupplemented for 1 day followed by
either 0 or 90 mg ascorbic acid **supplement** for 2 days. Vitamin C content in milk and urine was determined by the
2,4-dinitrophenylhydrazine
method. Vitamin C intakes of. . . by the test-weighing method and from vitamin C levels in milk samples obtained at each feeding. Total maternal intakes of **vitamin C**, which exceeded **1000 mg/day** or 10-fold the RDA for lactation (100 mg/day), did not significantly influence the vitamin C content in milk or the. . .

L7 ANSWER 10 OF 20 BIOSIS COPYRIGHT 2001 BIOSIS
ACCESSION NUMBER: 1998:322671 BIOSIS
DOCUMENT NUMBER: PREV199800322671
TITLE: The effect of vitamin C and E supplementation on lipid and urate oxidation products in plasma.
AUTHOR(S): Naidoo, Daya (1); Lux, Ora
CORPORATE SOURCE: (1) Dep. Clin. Chem., Prince of Wales Hosp., Randwick, NSW 2031 Australia
SOURCE: Nutrition Research, (June, 1998) Vol. 18, No. 6, pp. 953-961.
ISSN: 0271-5317.
DOCUMENT TYPE: Article
LANGUAGE: English
AB. . . fifteen volunteers before and after ingestion of either vitamin C, vitamin E or both. Increasing doses in the range of 250-**1000 mg** for **vitamin C** and 200-800 I.U. for vitamin E were used over a period of eight weeks. Our study showed that an intake.
IT . . .
Metabolism; Nutrition
IT Chemicals & Biochemicals
allantoin: plasma, urate oxidation product; malondialdehyde: lipid oxidation product, plasma; vitamin C: antioxidant, dietary **supplement**; vitamin E: antioxidant, dietary **supplement**

L7 ANSWER 11 OF 20 BIOSIS COPYRIGHT 2001 BIOSIS
ACCESSION NUMBER: 1994:543073 BIOSIS
DOCUMENT NUMBER: PREV199598002621
TITLE: A clinical trial of antioxidant **supplements** in the treatment of oral leukoplakia.
AUTHOR(S): Kaugars, George E. (1); Silverman., Sol, Jr.; Lovas, John G. L.; Brandt, Richard B.; Riley, William T.; Dao, Quyen; Singh, Vishwa N.; Gallo, John
CORPORATE SOURCE: (1) Dep. Oral Pathol., Med. Coll. Virginia, P.O. Box 566, Richmond, VA 23298 USA
SOURCE: Oral Surgery Oral Medicine Oral Pathology, (1994) Vol. 78, No. 4, pp. 461-468.
ISSN: 0030-4220.

DOCUMENT TYPE: Article
LANGUAGE: English
TI A clinical trial of antioxidant **supplements** in the treatment of oral leukoplakia.
AB. . . enrolled in an antioxidant supplementation program for the treatment of the oral lesions. The patients received 30 mg of beta-carotene, **1000 mg of ascorbic acid**, and 800 IU of alpha-tocopherol per day for 9 months. Clinical improvement of the oral lesion was noted in 55.7%. . .

L7 ANSWER 12 OF 20 BIOSIS COPYRIGHT 2001 BIOSIS
ACCESSION NUMBER: 1987:149167 BIOSIS
DOCUMENT NUMBER: BA83:78217
TITLE: ASCORBIC ACID REQUIREMENT FOR THE INDUCTION OF MICROSOMAL DRUG-METABOLIZING ENZYMES IN A RAT MUTANT UNABLE TO SYNTHESIZE ASCORBIC ACID.
AUTHOR(S): HORIO F; OZAKI K; KOHMURA M; YOSHIDA A; MAKINO S; HAYASHI Y
CORPORATE SOURCE: DEP. AGRIC. CHEM., NAGOYA UNIV., NAGOYA 464 JAPAN.
SOURCE: J NUTR, (1986 (RECD 1987)) 116 (11), 2278-2289.
CODEN: JONUAI. ISSN: 0022-3166.
FILE SEGMENT: BA; OLD
LANGUAGE: English
AB. . . activities of drug-metabolizing enzymes and level of hepatic cytochrome P-450. When OD rats were fed a diet without PCB, the **supplement with 1000 mg of ascorbic acid**. It is concluded that the dietary requirement of ascorbic acid is increased severalfold by the administration of xenobiotics, such as. . .

L7 ANSWER 13 OF 20 BIOSIS COPYRIGHT 2001 BIOSIS
ACCESSION NUMBER: 1986:105907 BIOSIS
DOCUMENT NUMBER: BA81:16323
TITLE: PULMONARY FUNCTION AND TREADMILL PERFORMANCE OF MALES RECEIVING ASCORBIC-ACID **SUPPLEMENTS**.
AUTHOR(S): DRISKELL J A; HERBERT W G
CORPORATE SOURCE: DEP. HUMAN NUTRITION FOOD, DIV. EXERCISE, SPORT WORK PHYSIOL., VA. POLYTECHNIC INST. STATE UNIV., BLACKSBURG, VA. 24601.
SOURCE: NUTR REP INT, (1985) 32 (2), 443-452.
CODEN: NURIBL. ISSN: 0029-6635.
FILE SEGMENT: BA; OLD
LANGUAGE: English
TI PULMONARY FUNCTION AND TREADMILL PERFORMANCE OF MALES RECEIVING ASCORBIC-ACID **SUPPLEMENTS**.
AB. . . adult males performed pulmonary function and submaximal treadmill exercise tests over two periods of 6 wk duration while taking either **1000 mg ascorbic acid** or placebo tablets daily in a crossover, double-blind study. The periods were separated by 4 wk. No differences between ascorbic. . . after 3 wk ascorbic acid treatment as compared to 3 wk placebo; these differences were not significant after 6 wk. **Ascorbic acid** supplementation of **1000 mg** daily for 3 to 6 wk tended to have little effect on the pulmonary function or treadmill performance of healthy. . .

L7 ANSWER 14 OF 20 PROMT COPYRIGHT 2001 Gale Group
ACCESSION NUMBER: 1998:619926 PROMT
TITLE: Labeling & Nutrition Briefs.
SOURCE: Food Labeling News, (18 Nov 1998) pp. NA.
ISSN: 1064-6329.
LANGUAGE: English

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

AB CELESTIAL SEASONINGS, INC. SAID SALES OF ITS NEW HERBAL dietary **supplement** teas line accounted for more than \$5 million in sales during the fourth quarter, which ended Sept. 30. Overall revenues. . . green teas, the newly-introduced "wellness teas" and its traditional herb teas. "By providing the consumer with wellness teas and herbal **supplements**," said CEO and president Steve Hughes, "we are the only national brand with all-natural, wellness products in multiple formats." The new herbal dietary **supplement** teas include "Ginseng Energy," "Gingko Sharp" and "Mood Mender" with St. Johns wort. PURPLE . . . that blood clots will block the arteries and cause a heart attack. A POPULAR HORMONE WIDELY SOLD AS A DIETARY **SUPPLEMENT** to fight conditions from cancer to aging, DHEA (dehydroepiandrosterone), does in fact have a beneficial effect on the vascular function. . .

TX CELESTIAL SEASONINGS, INC. SAID SALES OF ITS NEW HERBAL dietary **supplement** teas line accounted for more than \$5 million in sales during the fourth quarter, which ended Sept. 30. Overall revenues. . . green teas, the newly-introduced "wellness teas" and its traditional herb teas. "By providing the consumer with wellness teas and herbal **supplements**," said CEO and president Steve Hughes, "we are the only national brand with all-natural, wellness products in multiple formats." The new herbal dietary **supplement** teas include "Ginseng Energy," "Gingko Sharp" and "Mood Mender" with St. Johns wort. PURPLE . . . that blood clots will block the arteries and cause a heart attack. A POPULAR HORMONE WIDELY SOLD AS A DIETARY **SUPPLEMENT** to fight conditions from cancer to aging, DHEA (dehydroepiandrosterone), does in fact have a beneficial effect on the vascular function. . .

VITAMIN E (400 I.U.) REMAINS THE MOST POPULAR DIETARY **SUPPLEMENT**, according to a consumer spending report by NBTY Inc., Bohemia, N.Y., a leading manufacturer of dietary **supplement** products. According to the report, the other top dietary **supplements** purchased by U.S. consumers from July through September 1998 are (in descending order):

ginkgo biloba, chondroitin/glucosamine, calcium with vitamin D, vitamin C (500 & 1000 mg), kava kava, garlic, St. John's wort, 5HTP and selenium.

~~LT~~ ANSWER 15 OF 20 PROMT COPYRIGHT 2001 Gale Group

ACCESSION NUMBER: 1998:591610 PROMT
TITLE: Chondroitin, Kava Kava, 5HTP, Garlic, Selenium Now Among Ten Most Popular Nutritional **Supplements**.
SOURCE: PR Newswire, (12 Nov 1998) pp. 1841.
LANGUAGE: English
WORD COUNT: 613

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

TI Chondroitin, Kava Kava, 5HTP, Garlic, Selenium Now Among Ten Most Popular Nutritional **Supplements**.

AB Nutritional **Supplement** Spending Habits -
BOHEMIA, N.Y., Nov. 12 /PRNewswire/ -- Curious about what your neighbors

keep in their kitchen cabinets? Nutritional **supplements** of course. Chondroitin/Glucosamine, Kava Kava, 5HTP, Garlic and Selenium are now among the ten most popular **supplements** in the U.S., according to the most recent consumer tracking report conducted by NBTY Inc., (Nasdaq: NBTY), a leader in the dietary **supplement** industry. The study reveals the latest American spending habits on vitamins, minerals, herbs and nutritional **supplements**.

"With . . . President of NBTY, Inc. "Consumers are taking an active role in maintaining a healthy lifestyle and have realized that nutritional

supplements are an easy and effective way to make a difference in

their lives."

The top nutritional **supplements** purchased by American consumers from July through September 1998 are:

Chondroitin/Glucosamine, the third most popular **supplement**, is best known for strengthening and protecting the joints. Kava Kava, which is sixth on the list, has been reported in the press to relieve anxiety. The ninth most popular **supplement**, 5HTP, reportedly relieves anxiety and improves mood. Selenium, the tenth most popular **supplement**, is reported to protect against cancer, heart disease, arthritis and accelerated aging. Seventh on the list is Garlic, which

is.

Since . . . consumer tracking report in October 1997, the important antioxidant Vitamin E continues its reign as the most widely purchased nutritional **supplement** among American consumers. Vitamin E, which maintains healthy cell membranes, made headlines recently when reports indicated that it may reduce. . .

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5. **Vitamin C** (500 & 1000 mg)

10. Selenium

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Remaining on the top ten list of nutritional **supplements** among American consumers are: Ginkgo Biloba, which went from ninth to second, reportedly enhances circulation to the brain; Calcium, which. . .

NBTY, Inc., headquartered in Bohemia, NY, is one of America's leading vitamin, mineral and nutritional **supplement** manufacturers. The company is committed to educating consumers on the importance of nutritional **supplements** as an essential part of a healthy lifestyle.

THIS IS THE FULL TEXT: COPYRIGHT 1998 PR Newswire Association, Inc.

L7 ANSWER 16 OF 20 PROMT COPYRIGHT 2001 Gale Group

ACCESSION NUMBER: 1998:437468 PROMT

TITLE: Herbs Gaining in Popularity

SOURCE: Industries In Transition, (1 Aug 1998) pp. N/A.

LANGUAGE: English
WORD COUNT: 388

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

AB NBTY, Inc. (Bohemia, NY; Tel: 212/725-4500) released a survey report of the top OTC herbal and nutritional **supplements** in the U.S. Results of the survey show them to be as follows:
1. Vitamin E (400 mg and 1000 mg); 2. Vitamin C with Rose Hips (500 mg and 1000 mg); 3. St. John's Wort; 4. Calcium/Magnesium Chelated; 5. Echinacea; 6. Ultra Lecithin. . .
St. John's Wort, the third most popular **supplement**, is reported to control depression and nerve pain. Fifth on the list is Echinacea,

best

known for its anti-inflammatory and immune system enhancement properties. The ninth most popular **supplement** is the powerful antioxidant Ginkgo Biloba. This "smart herb" is known to enhance circulation in the brain. Since the release. . . of NBTY's first consumer tracking report in October 1997, Vitamin E continues its reign as the most widely purchased nutritional **supplement** among American consumers. Vitamin E, which maintains healthy cell membranes, is reported to fight Alzheimer's disease, heart disease, kidney disease,. . . As in the first report, Vitamin C has remained the second most popular **supplement**. This well-known antioxidant has been reported to protect against the common cold, viral and bacterial infections, and

heart

disease. Vitamin C also increases the body's ability to absorb Vitamin E, which may contribute to the popularity of the **supplement**. "With all the recent media coverage surrounding the preventative properties of St. John's Wort, Echinacea and Ginkgo Biloba, it's no surprise that these nutritional **supplements** are now among the ten most popular," says NBTY's head, Scott Rudolph. "More and more consumers are realizing that nutritional **supplements** play a key role in maintaining an overall healthy lifestyle." Remaining on the top ten list of nutritional **supplements** among American consumers are: Calcium/Magnesium, which build strong teeth and bones; Ultra Lecithin, which controls the flow of nutrients and waste in and out of cells; and Cranberry Caps, which

promote

urinary tract health. **Supplements** including Selenium, Chromium . . . Picolinate, and E Oil were replaced by St. John's Wort, Echinacea and Ginkgo Biloba. The next consumer report will be available in September 1998. NBTY is one of America's leading vitamin, mineral, and nutritional **supplement** manufacturers.

THIS IS THE FULL TEXT: COPYRIGHT 1998 Business Communications Company, Inc.

L7 ANSWER 17 OF 20 PROMT COPYRIGHT 2001 Gale Group

ACCESSION NUMBER: 1998:353705 PROMT
TITLE: Natural support products help relieve seasonal allergies
AUTHOR(S): LAVALLE, R.Ph., D.H.M., D.H.Ph., N.M.D., JAMES B.
SOURCE: Drug Store News, (22 Jun 1998) pp. CP10.
ISSN: 0191-7587.
LANGUAGE: English
WORD COUNT: 1103

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

AB * Some pharmaceutical drugs and nutritional **supplements** in sensitive individuals, Apart from eliminating all potential allergens, homeopathics and dietary **supplements** may aid in relieving the symptoms of allergic response. Pharmacists are in a unique position to recommend both traditional OTCs. . .

TX * Some pharmaceutical drugs and nutritional **supplements** in sensitive individuals, Apart from eliminating all potential allergens, homeopathics and dietary **supplements** may aid in relieving the symptoms of allergic response. Pharmacists are in a unique position to recommend both

traditional OTCs. . . .

Dietary supplements

Vitamin C: Allergies and asthma have been shown to be relieved by the ingestion of **vitamin C**. Recommend 1000

mg, 4 times a day at the onset of symptoms; then, recommend 500 mg, 3 times a day as needed. Using. . . .

In short, using homeopathic and dietary **supplements** is a healthy way to support the body's natural ability to cope with seasonal allergies.

Using natural products can help. . . .

Next . . . nose and watery, itching eyes, try a natural approach to relieving his or her symptoms with homeopathic remedies and dietary **supplements**. Then if no relief is found, pharmaceutical drugs may be appropriate therapy.

L7 ANSWER 18 OF 20 PROMT COPYRIGHT 2001 Gale Group

ACCESSION NUMBER: 1998:148697 PROMT

TITLE: Breakthrough Delivery System for Nutrients, Vitamins, and Pharmaceuticals Announced by Naturally Scientific Inc.

SOURCE: Business Wire, (25 Mar 1998) pp. 03250279.

LANGUAGE: English

WORD COUNT: 513

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

AB PARSIPPANY, . . . about to revolutionize the way consumers take and receive their daily dose of vitamins and other natural minerals and dietary **supplements**. Mrs. Bobbie Merritt, president and COO of Naturally Scientific, Inc. (NSI), holder of the proprietary scientific process, announced the discovery.

"Think . . . Lemmo, NSI executive vice president of research and development. "Our process reduces the particles typically found in vitamins and nutritional **supplements** to a minuscule 0.1 micron size, which is even smaller than a virus," adds Lemmo, former director of nutrition for. . . .

Typical Four Hour Absorption of **Supplements** Reduced to 30 Seconds

"When taken orally in colloidal form, treated dietary **supplements** are delivered in a one, two punch," says Dr. Lemmo. Recently completed clinical trials, conducted by an independent laboratory, clearly. . . . As . . . membranes, thus bypassing the digestive process. Absorption

is generally greater than 90%. "When you consider that typical vitamin and mineral **supplements** can take up to four hours to traverse the stomach and intestines, you begin to understand why their delivery and.

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stomach and intestines, you begin to understand why their delivery and.

According . . . in tablet or capsule form is absorbed and used by the body. " Consumers have come to believe that the **1000-mg vitamin C** tablet they take every day is giving them a thousand milligrams of C. The truth is, they're absorbing only 150. . . . Naturally . . . was adopted. The privately held company manufacturers, markets and distributes more than 100 all-natural vitamins, minerals, herbal formulations, specialty nutritional **supplements** and skin care products in distinctive cobalt blue containers.

L7 ANSWER 19 OF 20 PROMT COPYRIGHT 2001 Gale Group

ACCESSION NUMBER: 91:497460 PROMT
TITLE: Takeda Food Industry has launched a new beverage called "C 1000 Takeda Hypotonic Water."
SOURCE: New Food Products in Japan, (Jun 1991) pp. N/A.
LANGUAGE: English
WORD COUNT: 69

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

AB It . . . alcoholic drinks. The ingredients information per 350ml: energy 38 Kcal; magnesium 2 mg; sodium 81 mg; potassium 68 mg; and **Vitamin C 1000 mg**. Retail price is (Y)270 for a 1,000ml bottle.

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CT *PC2834798 Specialty Vitamin **Supplements** NEC; PC2001000 Health Foods

L7 ANSWER 20 OF 20 PROMT COPYRIGHT 2001 Gale Group

ACCESSION NUMBER: 89:200023 PROMT
TITLE: EUROPE'S LEADING VITAMIN COMPANY COMES TO AMERICA, BRINGING

'THE BEST WAY TO TAKE VITAMINS'

SOURCE: News Release, (19 Jul 1989) pp. 1.
LANGUAGE: English

AB Effervescent . . . that because our product is effervescent, more of it

gets into the bloodstream faster than other leading multi vitamin mineral **supplements**." IHP is introducing three effervescent products. Multilyte (TM), a high potency multi-vitamin and mineral **supplement** rich in B vitamins and Calcilyte (TM), a 500-mg. calcium plus vitamin D **supplement**, and Citrolyte (TM), a 1000-mg. **vitamin C supplement**. Each is buffered to eliminate virtually any risk of the stomach upset associated with many vitamins.
Full text available on. . .